



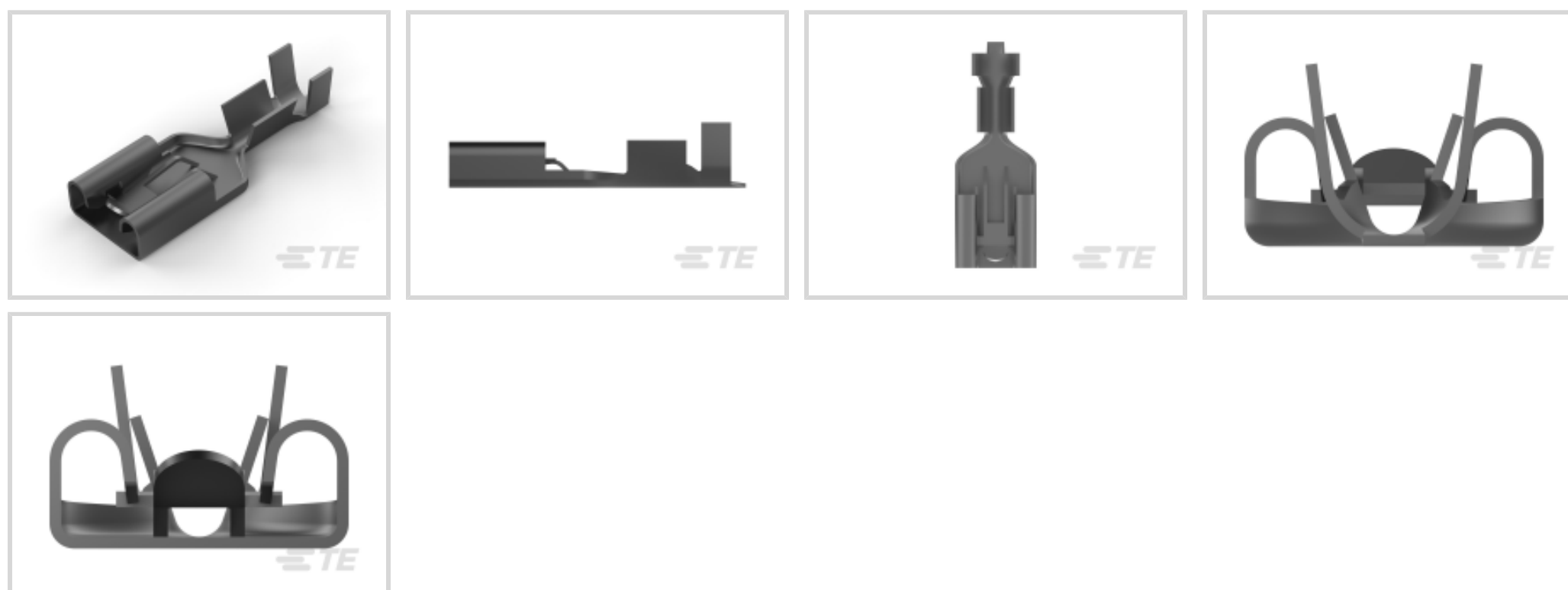
Positive Lock | Positive Lock 250

TE Internal #: 281384-2

Quick Disconnects, Receptacle, 20 – 15 AWG Wire Size, .51 – 1.65 mm² Wire Size, Mating Tab Width .25 in [6.35 mm], Straight, Brass, Positive Lock 250

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.65 mm²

Mating Tab Width: 6.35 mm [.25 in]

Mating Tab Thickness: .81 mm [.032 in]

Features

Product Type Features

Wire Stop	No
Wire/Cable Type	Discrete Wire
Insertion Force	Low

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm [.25 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Mating Retention Type	Dimple
Extraction Force	7 – 100 Newton



Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	2.2 – 3.3 mm [.087 – .13 in]
Overall Length	18 mm [.71 in]
Receptacle Terminal Stock Thickness	.3 mm [.011 in]
Wire Size	.51 – 1.65 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]

Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	5000
Packaging Method	Strip/Reel

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part

numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 341299-2
PL 250 REC TERMINAL 20-15 AWG
PTPB



TE Part # 2-4150038-1
OCEAN-2.0-APPLICATOR-E



TE Part # 2-4150038-2
OCEAN-2.0-APPLICATOR-E



TE Part # 4150038-1
OCEAN-2.0-APPLICATOR-E



TE Part # 7-4150038-1
OCEAN-2.0-APPLICATOR-E



TE Part # 7-4150038-2
OCEAN-2.0-APPLICATOR-E

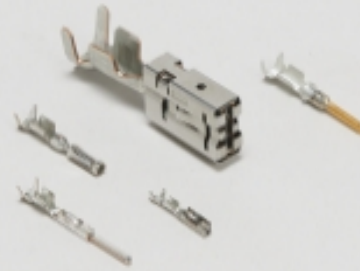


TE Part # 7-4150038-7
OCEAN_2.0_SPARE_PART_KIT-
KIT REPRESENTATION ONLY




TE Part # 4150038-2
OCEAN-2.0-APPLICATOR-E


Also in the Series | Positive Lock 250



Automotive Terminals(1)




Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)

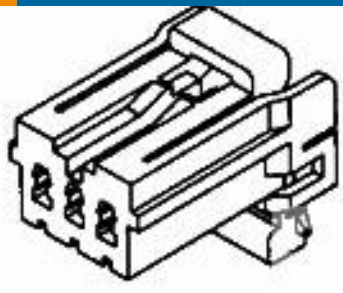


Insulation Boots & Sleeves(4)



Quick Disconnects(189)

Customers Also Bought



TE Part #174921-7
070 MLC PLUG HSG 3P YELLOW



TE Part #5054234003
RNF-100-1/2-8-SP



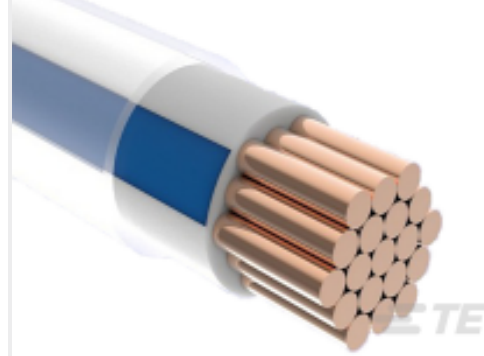
TE Part #T4151410004-002
RPC-M12-FR-4CON-PVC-1.0



TE Part #1-1904008-2
V23234B0002X012-EV-100



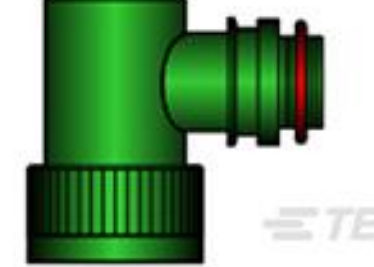
TE Part #2836322-2
OCEAN-2.0-APPLICATOR-S-042F062F



TE Part #CD06563001
ACW0219-2.50-3(NS)



TE Part #5054014010
RNF-100-1/16-8-SP



TE Part #098350-000
TXR76AB90-1610AI



TE Part #144518-1
5 P MIC4 DBLE LOCK PLUG

Documents

Product Drawings

[POS LOCK RCPT CTC SNPL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_281384-2_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_281384-2_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_281384-2_H.3d_stp.zip](#)

English

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